## **EAST Search History**

## **EAST Search History (Prior Art)**

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	207	modulat\$4 near2 (index or indice\$1) with amplitude\$1 near2 modulat\$4 same transmi\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/20 10:35
S4	17	modulat\$4 near2 (index or indice\$1) with symbol\$1 near2 modulat\$4 same transmi\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/20 10:39
S5	54	modulat\$4 near2 (index or indice\$1) with symbol\$1 same transmi\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/20 12:06
S10	92	amplitude near2 modulat\$4 near2 index\$4 same transmi \$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/20 16:18
S11	240	modulat\$4 near2 index\$4 with control\$4 same transmi \$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/20 16:18
S13	3	modulat\$4 near2 index\$4 near5 control\$4 with small\$2 same transmi\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/20 17:23
S14	135	modulat\$4 near2 index\$4 near5 control\$4 same transmi \$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/20 17:23
S15	12	modulat\$4 near2 index\$4 near5 control\$4 same small \$2 same transmi\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/20 17:40
S16	23	passive near2 transponder\$1 with clock\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/20 17:56
S19	4	modulat\$4 near2 (index\$2 or indices) same successive\$2 near2 symbol\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/20 18:04
S20	20	modulat\$4 near2 (index\$2 or indices) same tdma\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/20 18:07

S21	29	modulat\$4 near2 (index\$2 or indices) with clock\$4 same transmi\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/06 16:27
S22	81	modulat\$4 near2 (index\$2 or indices) with clock\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/20 18:27
S23	4	modulat\$4 near2 (index\$2 or indices) with clock\$4 near5 synchroniz\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/20 18:29
S26	6	clock near2 symbol\$1 with control\$4 same transceiver\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/20 18:36
S27	28	clock with symbol\$1 with control\$4 same transceiver\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/20 18:37
S29	204	clock with symbol\$1 with (frame\$1 or packet\$1) with control\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/20 18:38
S30	10	clock with symbol\$1 with (frame\$1 or packet\$1) with control\$4 near2 (reception\$1 or receiv\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/20 18:40
S32	204	clock with symbol\$1 with (frame\$1 or packet\$1) with control\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/20 18:41
S35	167	clock and symbol\$1 and (frame\$1 or packet\$1) and modulat\$4 near2 index\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/20 18:43
S38	382	symbol\$1 with transmi\$6 with successive\$2 with tim\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/20 18:51
S39	259	symbol\$1 near5 successive\$2 with transmi\$6 with tim\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/20 18:51
S41	32	symbol\$1 near5 successive\$2 with transmi\$6 with tim\$4 near2 interval\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/20 18:53
S42	238	modulat\$4 near2 (index or indice\$1) same transmi\$6 and digital near2 modulat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/21 10:42

S44	35	modulat\$4 near2 (index or indice\$1) same transmi\$6 and symbol\$1 near5 clock\$4 and digital near2 modulat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/21 10:51
S45	47	modulat\$4 near2 (index or indice\$1) and transmi\$6 and symbol\$1 near5 clock\$4 and digital near2 modulat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/21 10:44
S46	276	transmi\$6 with symbol\$1 near5 clock\$4 and digital near2 modulat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/21 10:52
S47	44	transmi\$6 with symbol\$1 near5 clock\$4 same digital near2 modulat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/21 10:57
S60	25	(frame\$1 or packet\$1) near3 transmi\$6 and header\$1 and payload\$1 and clock\$1 and modulat\$4 near3 index\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/21 11:08
S61	156	(frame\$1 or packet\$1) near3 transmi\$6 with clock\$4 near2 informat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/21 11:22
S64	25	(frame\$1 or packet\$1) near3 transmi\$6 with clock\$4 near2 informat\$4 and symbol\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/21 11:28
S65	10	symbol\$1 near2 sequence\$1 with modulat\$4 near3 success \$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/21 11:29
S66	168	modulation near2 index\$2 near2 defin\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/21 11:37
S67	10	amplitude near2 modulation near2 index\$2 near2 defin\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/21 17:37
S68	195	symbol\$1 with different near3 (duration\$1 or interval \$1 or period\$1) same transmi \$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/21 15:37
S69	122	symbol\$1 with different near3 (duration\$1 or interval \$1 or period\$1) with transmi \$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/21 15:40
S75	36	modulat\$4 near2 (index or indice\$1) with (control\$4 or clock\$4) with small\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/22 14:38

S77	79	predistor\$4 near3 i near2 q	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/22 19:11
S79	271	remote\$1 with transmi\$6 with antenna\$1 near3 (diversity or element\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/22 19:16
S80	17	remote\$1 with transmi\$6 with antenna\$1 near3 (diversity or element\$1) and frequency near2 hop\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/22 19:41
S83	37	mobile near2 station with antenna\$1 near3 (diversity or element\$1 or multiple or pluralit\$30) and frequency near2 hop\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/22 19:46
S84	17	mobile near2 station near5 antenna\$1 near3 (diversity or element\$1 or multiple or pluralit\$30) and frequency near2 hop\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/22 19:46
S85	495	mobile near2 station near5 antenna\$1 near3 (diversity or element\$1 or multiple or pluralit\$30)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/22 19:47
S86	17	mobile near2 station near5 antenna\$1 near3 (diversity or element\$1 or multiple or pluralit\$30) and frequency near2 hop\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/22 19:48
S87	3	mobile near2 station near5 antenna\$1 near3 (diversity or element\$1 or multiple or pluralit\$30) near3 transmi\$6 and frequency near2 hop\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/22 19:48
S88	151	mobile near2 station near5 antenna\$1 near3 (diversity or element\$1 or multiple or pluralit\$30) near3 transmi\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/22 19:50
S91	4	modulat\$4 near3 (index\$2 or indic\$2) with (symbol\$1 or bit \$1 or byte\$1) with assign\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/20 15:48
S92	374	modulat\$4 near3 (index\$2 or indic\$2) with (symbol\$1 or bit \$1 or byte\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/20 15:53
S93	17	modulat\$4 near3 (index\$2 or indic\$2) near4 differ\$4 with (symbol\$1 or bit\$1 or byte \$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/20 15:53

S94	6	(cpm\$1 or (continuous near2 phase\$1 near2 modulat\$4) or mhpm\$1 or (multiple\$1 near3 h\$1 near3 cod\$4 near3 modulat\$4) or (digital\$3 near3 modulat\$4) and modulat\$4 near3 (index\$2 or indic\$2) with differ\$4 with (assign\$4 or apply\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/20 16:44
S98	153	modulat\$4 near2 index\$4 near5 control\$4 same transmi \$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/06 16:25
S99	269	modulat\$4 near2 index\$4 with control\$4 same transmi \$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/06 16:25
S100	88	modulat\$4 near2 (index\$2 or indices) with clock\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/06 16:25
S101	260	modulat\$4 near2 (index or indice\$1) same transmi\$6 and digital near2 modulat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/06 16:26
S102	89	modulat\$4 near2 (index\$2 or indices) same transmi\$6 with symbol\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/06 16:56
S103	227	· •	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/06 17:17
S104	86	continuous\$2 near3 phase\$1 near3 modulat\$4 same modulat\$4 near3 (index\$2 or indic\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/06 17:32
S106	24	continuous\$2 near3 phase\$1 near3 modulat\$4 same modulat\$4 near3 (index\$2 or indic\$3) with symbol\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/06 17:24
S108	11	(multi\$1 or pluality or different\$2) near3 modulat\$4 near3 (index\$2 or indic\$3) with symbol\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/10/12 09:17
S109	302	(multi\$1 or pluality or different\$2) near3 modulat\$4 near3 (index\$2 or indic\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/06 17:26

S111	105	(multi\$1 or pluality or different\$2) near3 modulat\$4 near3 (index\$2 or indic\$3) and encod\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/06 17:27
S112	32	(multi\$1 or pluality or different\$2) near3 modulat\$4 near3 (index\$2 or indic\$3) same transmi\$5 and encod\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/06 17:28
S113	46	(multi\$1 or pluality or different\$2 or multiple\$1) with modulat\$4 near3 (index \$2 or indic\$3) with symbol\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/10/20 09:05
S114	105	(multi\$1 or pluality or different\$2 or multiple\$1) with modulat\$4 near3 (index \$2 or indic\$3) with (symbol \$1 or bit\$1 or block\$1 or packet\$1 or byte\$1 or word \$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/10/12 10:01
S115	57	(multi\$1 or pluality or different\$2 or multiple\$1) with modulat\$4 near3 (index \$2 or indic\$3) with information	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/10/12 10:07
S116	75	(vary\$4 or varible\$1 or chang \$1) with modulat\$4 near3 (index\$2 or indic\$3) with (information or symbol\$1 or bit\$1 or byte\$1 or word\$1 or packet\$1 or block\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/10/12 10:11
S118	65	modulat\$4 near3 depth\$1 with symbol\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/10/20 09:22
S119	216	modulat\$4 near3 (index\$1 or indic\$2) with symbol\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/10/20 09:29
S125	156	(signaling or control) near2 information\$1 with (data or payload\$1) with transmi\$4 with (success\$5 or consecutive\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/10/23 12:03
S126	29	(signaling or control) near2 information\$1 with (data or payload\$1) with transmi\$4 with (success\$5 or consecutive\$2) with frame\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/10/23 13:53
S127	4	(signaling or control) near2 information\$1 with (data or payload\$1) with transmi\$4 with symbol\$1 with (period\$1 or interval\$1) with frame\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/10/23 13:53

S129	10	modulat\$4 with (vary\$4 or variable\$1) with carrier with (period\$1 or interval\$1) with symbol\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/10/23 14:42
S131	91	modulat\$4 with (vary\$4 or variable\$1) near5 (period\$1 or interval\$1 or length\$1) with symbol\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/10/23 15:33
S132	29	signalling near2 information \$1 with data near2 (rate\$1 or throuput\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/10/23 15:37
S135	3	signal\$1ing near2 (information\$1 or signal\$1 or symbol\$1) with (QAM or (amplitude near2 modulat \$4)) and GSM	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 16:58
S136	18	signal\$1ing near2 (information\$1 or signal\$1 or symbol\$1) SAME (QAM or (amplitude near2 modulat \$4)) and GSM	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 16:59
S140	33	(training or pilot or control\$4 or signal\$5) near2 (signal\$1 or symbol\$1 or information \$1) near7 modulat\$4 near2 (index or indic\$2 or depth\$1) with (user or data) near2 (signal\$1 or symbol\$1 or information\$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/19 17:11
S141	29	S140 and (@pd<"20001013" or @ad<"20001013" or @prad<"20030603" or @rlad<"20001013")	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/19 17:19
S143	68	modulat\$4 near3 depth\$1 with symbol\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 17:22
S144	48	S143 and (@pd<"20001013" or @ad<"20001013" or @prad<"20030603" or @rlad<"20001013")	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/19 17:24
S145	257	modulat\$4 near3 (index\$2 or indic\$2) with symbol\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 17:23

S153	112	modulat\$4 near3 (index\$2 or indic\$2 or depth\$1) near5 (symbol\$1 or bit\$1 or chip\$1 or byte\$1 or word\$1 or block \$1 or portion\$1 or part\$1) near5 (assign\$5 or apply\$4 or choos\$4 or use\$1 or using or allocat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 18:06
S154	68	S153 and (@pd<"20001013" or @ad<"20001013" or @prad<"20030603" or @rlad<"20001013")	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/20 10:25
S155	26	modulat\$4 near3 (index\$2 or indic\$2 or depth\$1) near5 (symbol\$1 or bit\$1 or chip\$1 or byte\$1 or word\$1 or block \$1 or portion\$1 or part\$1) near5 (vary\$4 or vari\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/19 18:06
S162	202	qam near4 (advantage\$1 or benefit\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/20 10:09
S165	172	binary near2 amplitude near2 modulation\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/20 10:11
S170	75	((binary near2 amplitude near2 modulat\$4) or bam) same (signal\$1ing or control) near2 (data or information\$1 or symbol\$1 or sequence\$1 or block\$1 or portion\$1 or symbol\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/20 10:28
S173	69	amplitude near2 shift near2 key\$4 same (signal\$1ing or control) near2 (data or information\$1 or symbol\$1 or sequence\$1 or block\$1 or portion\$1 or symbol\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/20 10:47
S174	45	S173 and (@pd<"20001013" or @ad<"20001013" or @prad<"20030603" or @rlad<"20001013")	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/20 11:18
S175	37	((amplitude near2 shift near2 key\$4) or ask) same (signal \$1ing or control) near2 (data or information\$1 or symbol\$1 or sequence\$1 or block\$1 or portion\$1 or symbol\$1) same user near2 (data or information\$1 or block\$1 or portion\$1 or symbol\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/20 10:51

S177	162	modulat\$4 near2 depth\$1 with modulat\$4 near2 level\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/20 11:17
S178	87	S177 and (@pd<"20001013" or @ad<"20001013" or @prad<"20030603" or @rlad<"20001013")	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/07 11:15
S184	216	modulat\$4 near3 (depth\$1 or index or indic\$2 or level\$1) with (identif\$4 or determin\$4 or detect\$4 or recogni\$4 or estima\$4) near5 (information \$1 or type\$1 or kind\$1) and (@pd<"20001013" or @ad<"20001013" or @prad<"20030603" or @rlad<"20001013")	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/08 16:57
S187	29	pulse near2 depth\$1 near2 modulat\$4 and (@pd<"20001013" or @ad<"20001013" or @prad<"20030603" or @rlad<"20001013")	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/07 12:40
S188	40	pulse near2 index near2 modulat\$4 and (@pd<"20001013" or @ad<"20001013" or @prad<"20030603" or @rlad<"20001013")	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/08 10:39
S189	69	multi\$2level\$1 near2 pulse near2 amplitude near2 modulat\$4 and (@pd<"20001013" or @ad<"20001013" or @prad<"20030603" or @rlad<"20001013")	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/07 13:08
S190	57	pulse near2 index near2 modulat\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/08 10:48
S194	152		US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/08 10:56
\$200	27	S199 and modulat\$4 near2 (index or indice\$1) same transmi\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/10/07 18:18

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